An Engineer/Radiologist’s View of the Future of Surgery

Friday, April 15, 2011 | 2:00 pm | DeWALT Seminar Room, 2164 Martin Hall

Abstract: This talk will trace the innovations that have brought us to the current state of Medical Interventions and will then describe the culture of Innovation that will lead to the Future of Surgery, which will involve methods of Image-Guided Therapy.

Biography: Reuben Mezrich received his BSEE, MSEE and Ph.D. in Electrical Engineering from the Polytechnic Institute of Brooklyn. He was a Member of the Technical Staff at the RCA (Sarnoff) Laboratories from 1963 to 1974 working in such diverse areas as Cryogenics, Holography, and Ultrasound Imaging. He became Director of Research of Special Projects at J&J, developing new Ultrasound Imaging Devices. In 1979 he enrolled in the PhD->MD program at the University of Miami school of Medicine, earning his MD degree in 1981. He did his Medical Internship and Radiology Residency at the Hospital of the University of Pennsylvania (HUP), was a member of the Radiology Group of New Brunswick and Director of MRI at UMDNJ till 1996 when he returned to HUP. In 2000 he moved to Boston where he was a Director at the Center for Innovation and Minimally Invasive Technology (CIMIT), an Instructor at MIT, at Professor at Harvard Medical School and a Radiologist at Brigham and Women’s Hospital. He became Chairman of Radiology at the University of Maryland School of Medicine in 2002 until stepping down in July 2010. He remains a member of the faculty.

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